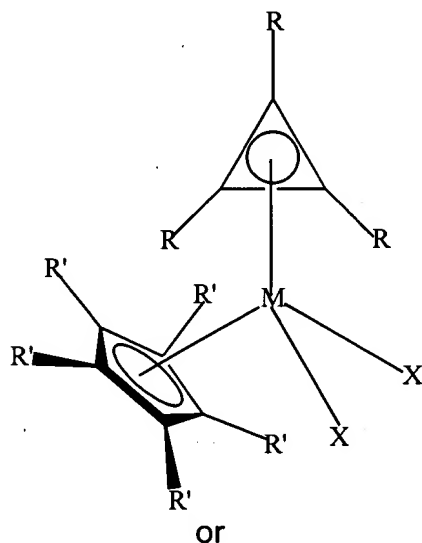


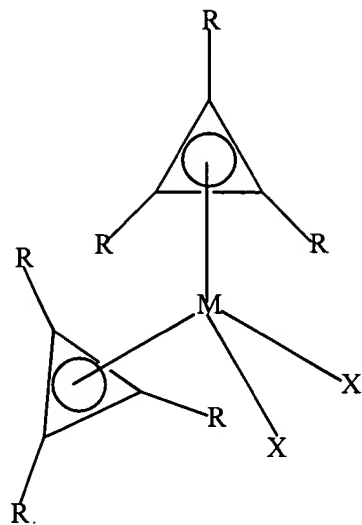
Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

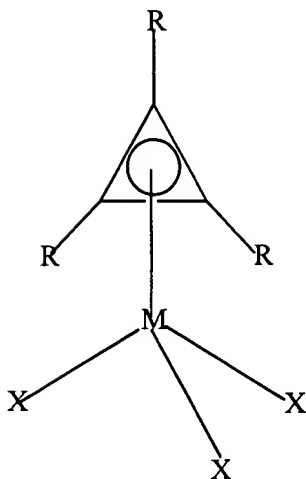
Listing of Claims:

1. (Currently Amended) An olefin polymerization catalyst comprising a cationic complex that results from contact of a neutral transition metal compound to an activator composition wherein the neutral transition metal compound is represented by the following formula:





or



wherein each R and R' is ~~a monodentate or a bidentate radical and~~ is independently hydrogen, hydrocarbyl, substituted-hydrocarbyl, halocarbyl,

substituted-halocarbyl, hydrocarbyl-substituted organometalloid, halocarbyl-substituted organometalloid, disubstituted boron, disubstituted pnictogen, substituted chalcogen or halogen, and when R or R' is a bidentate radical it forms a C₄ to C₂₀ ring system with another R or R' to give a saturated or unsaturated polycyclic cyclopropenyl ligand or it forms a bridge between one cyclopropenyl ring and another cyclopropenyl ring or an X radical; one X is a pi-bonded cyclopentadienyl ligand or cyclopentadienyl group-containing ligand and another X is an amido or an imido radical and any remaining X radical is a halide, hydride, hydrocarbyl, substituted hydrocarbyl, halocarbyl, substituted halocarbyl, and hydrocarbyl- and halocarbyl-substituted organometalloid, substituted pnictogen, or substituted chalcogen; and M is a Group 4, ~~5~~, 6, ~~8~~ or 10 transition metal.

2-6 (Cancelled)

7. (Currently amended) The olefin polymerization catalyst of claim 1 ~~5~~ wherein M is molybdenum.

8. (Currently amended) The olefin polymerization catalyst of claim 1 ~~7~~ wherein the neutral transition metal compound is cyclopropenyl cyclopentadienyl molybdenum dichloride.

9-12 (Cancelled)

13. (Currently amended) The olefin polymerization catalyst of claim 1 ~~12~~ wherein M is palladium.

14. (Currently amended) The olefin polymerization catalyst of claim 1 ~~13~~ wherein the neutral transition metal compound is cyclopropenyl palladium trichloride.

15-24 (Cancelled)